

TML\MSH Microbiology Department Policy & Procedure Manual	Policy # MI\MYC\09\05\v01	Page 1 of 2
Section: Mycology Bench Manual	Subject Title: Media / Reagents - Inhibitory Mold Agar (IMA)	
Issued by: LABORATORY MANAGER	Original Date: March 22, 2001	
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MEDIA / REAGENTS

5. INHIBITORY MOLD AGAR (IMA)

Tryptone	3.0 g.
Beef extract	2.0 g.
Yeast extract	5.0 g.
Dextrose	5.0 g.
Starch (soluble)	2.0 g.
Dextrin	1.0 g.
Chloramphenicol	0.125 g.
Salt A	10.0 ml.
Salt C	20.0 ml.
Agar	17.0 g.
Distilled water	970.0 ml.

Salt A:

NaH ₂ PO ₄	25.0 g.
Na ₂ HPO ₄	25.0 g.
NaH ₂ PO ₄ H ₂ O	28.71 g.
H ₂ O	250.0 ml.

Salt C:

MgSO ₄ - 7H ₂ O	10.0 g.
FeSO ₄ - 7H ₂ O	0.5 g.
NaCl	0.5 g.
MnSO ₄ - 7H ₂ O	2.0 g.
H ₂ O	250.0 ml.

Manufacturer: Que-lab Inc. Dehydrated medium.

Materials are dissolved in water that is brought to a boil to suspend the agar. After cooling, pH is adjusted to 6.7. Autoclave 15 psi/15 minutes. Chloramphenicol is first dissolved in 2 ml of alcohol (95%) and added to boiling media. Pour into sterile, plastic petri dishes (35 ml/plate). For isolation and subculture of fungi.

TML\MSH Microbiology Department Policy & Procedure Manual	Policy # MI\MYC\09\05\v01	Page 2 of 2
Mycology Bench Manual		

Quality Control

<u>Fungus</u>	<u>Incubation Temperature</u>	<u>Result</u>
<i>Trichophyton mentagrophytes</i>	28°C	Good growth